

Nathan Burgers

Web Application & iOS Developer

Education

2012-Present **Computer Science**, *University at Buffalo*, 3.9/4.0.

Experience

2011-Present **iOS & Web Developer**, *Refulgent Software LLC.*, Amherst, New York.

Work with a team of developers creating a full-stack restaurant Point of Sale system. Design, develop, and maintain secure automated financial systems, analytics, and administrative infrastructure.

Detailed achievements:

- Actively worked with a team on a large-scale Objective-C code-base
- Implemented real-time, caching, full-screen iOS image carousel that handles live resizing and rotation under constrained memory conditions
- Automated entire application activation infrastructure
 - Developed online software store
 - Integrated with Shopify, Pipedrive, MailChimp, and other API's
 - Automated software licensing over SSL with HMAC verification
 - Encrypted sensitive client information via Salted BCrypt
 - Provided internal activation and analytics API
 - Created administrative interface
- Developed dynamic, back-end supported company website

Open Source Work

2013-Present **MLRTEMS**, *Research under Professor Lukasz Ziarek*, University at Buffalo.

An extension of the MLton Standard-ML compiler for interfacing with the RTEMS real-time embedded systems executive, which aims to provide real-time guarantees to embedded functional programming.

Extra Curricular Activity

2013-Present Participant of PennApps hackathon

2012-Present Member of UB ACM & UB Hacking planning board

2012 Volunteer Tutor at LEAP of Western New York

2009-2012 Witness and Prosecuting Attorney in Williamsville North High School Mock Trial

Technology Summary

Languages Objective-C, Ruby, Javascript, Java, Clojure, Standard-ML
LaTeX, HTML & XML, CSS, JSON

Databases Postgres, SQLite, Neo4j

65 Beachridge Drive – 14051 East Amherst

☎ +1 (716) 263 8592 • ✉ nburgers@buffalo.edu • 🌐 nateb.me